

IN THE CLAIMS:

Please amend claims 1-21 as follows. Please add claims 22-24 as follows.

1. (Currently Amended) A method, ~~for~~comprising:

controlling a mobile communications network by a hierarchical radio network operations system with at least one radio network operations system on a subordinate level and a radio network operations system on a superior level, ~~comprising the steps of~~
wherein the controlling comprises initiating a controlling action on the part of the radio network operations system on the superior level;

generating a call for data depending on the controlling action;

forwarding the call to at least one of the radio network operations systems on the subordinate level affected by the controlling action;

providing data on the part of the radio network operations system on the subordinate level affected by the controlling action in response to the call; and

forwarding the data to the radio network operations system on the superior level.

2. (Currently Amended) A ~~The~~ method for ~~controlling a mobile communications network by a hierarchical radio network operations system according to claim 1, which~~
further ~~comprises~~comprising:

~~the steps of executing the controlling action on the basis of~~based on the retrieved data.

3. (Currently Amended) ~~A~~ The ~~method for controlling a mobile communications network by a hierarchical radio network operations system according to claim 1, which further comprises~~ comprising:

~~the steps of~~ retrieving data by the radio network operations system on the superior level from at least one of the radio network operations systems on the subordinate level;

exporting the retrieved data by the radio network operations system on the subordinate level, importing the data by the radio network operations system on the superior level; and

storing the imported data to ~~data storing means~~ memory in the radio network operations system on the superior level.

4. (Currently Amended) ~~A~~ The ~~method for controlling a mobile communications network by a hierarchical radio network operations system according to claim 3, which further comprises~~ comprising:

~~the steps of~~ ascertaining whether the call for data demanded depending on the controlling action is to be forwarded to the radio network operations system on the subordinate level affected by the controlling action forwarding the call for data to the ~~data storing means~~ memory when the call is not to be forwarded to the radio network operations system on the subordinate level;

providing data on the part of the ~~data storing means~~ memory in response to the call; and

forwarding the data within the radio network operations system on the superior level.

5. (Currently Amended) A ~~The~~ method for controlling a mobile communications network by a hierarchical radio network operations system according to claim 4, which further ~~comprises~~ comprising:

~~the steps of~~ ascertaining whether the data demanded depending on the controlling action can be received from the radio network operations system on the subordinate level affected by the controlling action within a predetermined latency; and

forwarding the call for data to the data ~~storing means~~ memory when the data can not be received within a predetermined latency before providing data on the part of the data ~~storing means~~ memory.

6. (Currently Amended) A ~~The~~ method for controlling a mobile communications network by a hierarchical radio network operations system according to claim 1, wherein the controlling action comprises monitoring and controlling a configuration of radio network elements and/or radio network resources.

7. (Currently Amended) A ~~The~~ method for controlling a mobile communications network by a hierarchical radio network operations system according to claim 1, wherein the data demanded depending on the controlling action comprise network elements

parameters and/or network resources parameters of the radio network on the subordinate level.

8. (Currently Amended) ~~A~~The method for controlling a mobile communications network by a hierarchical radio network operations system according to claim 1, wherein the data demanded depending on the controlling action comprise topology data of the radio network on the subordinate level.

9. (Currently Amended) ~~A~~The method for controlling a mobile communications network by a hierarchical radio network operations system according to claim 1, wherein said radio network operations system on a subordinate level is an operations system for managing a regional radio network.

10. (Currently Amended) A system, comprising:

~~A hierarchical radio network operations system for controlling a mobile communications network, the hierarchical radio network operations system comprising~~

at least one radio network operations system on a subordinate level;

a radio network operations system on a superior level, ~~initiating means an initiator being that is part of the radio network operations system on the superior level arranged configured to for initiating initiate~~ a controlling action;

~~a call generating means arranged generator configured to generate for generating a~~
call for data depending on the controlling action;

a first interface between said radio network operations system on the subordinate level and said radio network operations system on the superior level ~~arranged for forwarding~~ configured to forward the call to at least one of the radio network operations systems on the subordinate level affected by the controlling action and ~~for forwarding data to forward data~~ to the radio network operations system on the superior level; and

~~a first providing means~~ provider ~~being that is~~ part of the radio network operations system on the subordinate level ~~arranged for providing~~ configured to provide data in response to the call.

11. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 10, which ~~further comprises executing~~ comprising:

an executor configured to ~~means arranged for executing~~ execute the controlling action ~~on the basis of~~ based on the retrieved data.

12. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 10, which ~~further comprises retrieving means~~ comprising:

~~a retriever~~ ~~being that is~~ part of the radio network operations system on the superior level ~~arranged for retrieving~~ configured to retrieve data from at least one of the radio network operations systems on the subordinate level;

~~exporting means~~ an exporter that is ~~being~~ part of the radio network operations system on the subordinate level ~~arranged for exporting~~ configured to export the retrieved data,

~~importing means~~ an importer ~~being that is~~ part of the radio network operations system on the superior level ~~arranged for importing~~ configured to import the data; and

~~data storing means~~ memory ~~being that is~~ part of the radio network operations system on the superior level ~~arranged for storing~~ configured to store the imported data.

13. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 12, which ~~further comprises~~ comprising:

a first ~~ascertaining means~~ ascertainer that is ~~being~~ part of the radio network operations system on the superior level ~~arranged for ascertaining~~ configured to ascertain whether the call for data demanded depending on the controlling action is to be forwarded to the radio network operations system on the subordinate level affected by the controlling action;

~~a second providing means~~provider that is being part of the radio network operations system on the superior level ~~arranged for providing~~configured to provide data stored in the data ~~storing means~~memory in response to the call; and

a second interface within said radio network operations system on the superior level further ~~being arranged for forwarding~~configured to forward the call for data to said second ~~providing means~~provider when the call is not to be forwarded to said radio network operations system on the subordinate level and ~~for forwarding~~to forward the data provided by said ~~providing means~~provider within the radio network operations system on the superior level.

14. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 13, wherein said first and second interfaces are uniform interfaces.

15. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 13, which further ~~comprises~~comprising:

~~a second ascertaining means being~~ascertainer that is part of the radio network operations system on the superior level ~~arranged for ascertaining~~configured to ascertain whether the data demanded depending on the controlling action can be received from the radio network operations system on the subordinate level affected by the controlling

action within a predetermined latency, said second interface further being ~~arranged for forwarding~~ configured to forward the call for data to said second ~~providing means~~ provider when the data ~~can not~~ cannot be received within a predetermined latency.

16. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 10, which further comprising:

~~comprises monitoring means arranged for monitoring a monitor configured to monitor~~ configuration of radio network elements and/or radio network resources; and

~~controlling means~~ a controller configured to control ~~arranged for controlling~~ configuration of radio network elements and/or radio network resources.

17. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 13, wherein said call ~~generating means~~ generator, said first and second interfaces, and said first and second ~~providing means~~ are arranged for generating providers are configured to generate and ~~forwarding~~ forward a call for network elements parameters and/or network resources parameters and ~~for forwarding~~ to forward and ~~providing~~ provide said parameters.

18. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 13, wherein

said call ~~generating means~~generator, said first and second interfaces, and said first and second ~~providing means are arranged for generating~~ provider are configured to generate and ~~forwarding forward~~ a call for topology data and ~~for forwarding to forward~~ and ~~providing~~provide said topology data.

19. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 18, wherein said first and second interfaces and said first and second ~~providing means~~providers comprise a topology reading means~~reader~~ and a managed object reading means~~reader~~.

20. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 13, which further ~~comprises~~comprising:

a second data storing means ~~memory being that is~~ part of the radio network operations system on the superior level ~~arranged for storing~~configured to store planned data;

a third providing means~~provider being that is~~ part of the radio network operations system on the superior level ~~arranged for providing~~configured to provide said planned data; and

a third interface ~~arranged for forwarding~~configured to forward the call for data to said third ~~providing means~~provider and for ~~providing to provide~~ said planned data within the radio network operations system on the superior level.

21. (Currently Amended) ~~A hierarchical radio network operations system for controlling a mobile communications network~~ The system according to claim 10, wherein said radio network operations system on a subordinate level is an operations system ~~for managing~~configured to manage a regional radio network.

22. (New) A system, comprising:

at least one radio network operations system on a subordinate level;

a radio network operations system on a superior level, initiating means being part of the radio network operations system on the superior level for initiating a controlling action;

call generating means for generating a call for data depending on the controlling action;

a first interface between said radio network operations system on the subordinate level and said radio network operations system on the superior level for forwarding the call to at least one of the radio network operations systems on the subordinate level affected by the controlling action and for forwarding data to the radio network operations

system on the superior level, and first providing means being part of the radio network operations system on the subordinate level for providing data in response to the call.

23. (New) An apparatus, comprising:

a first interface between a radio network operations system on a subordinate level and a radio network operations system on a superior level configured to forward a call for data which depends on a controlling action to at least one of the radio network operations systems on the subordinate level affected by the controlling action and to forward data to the radio network operations system on the superior level, wherein data is provided in response to the call through the radio network operations system on the subordinate level.

24. (New) A method, comprising:

forwarding a call for data which depends on a controlling action, using a first interface between a radio network operations system on a subordinate level and a radio network operations system on a superior level, to at least one of the radio network operations systems on the subordinate level affected by the controlling action and to forward data to the radio network operations system on the superior level; and

providing data in response to the call through the radio network operations system on the subordinate level.